

***FlyBy Math™* Alignment**  
**Mathematics Curriculum Standards**  
**Content Standards**

**ALGEBRA****Standard III. Use mathematical models to represent and understand quantitative relationships.**

Expectation A. Model and solve contextualized problems using various representations, such as graphs, tables, and equations.

1. Use graphs and tables to solve applied problems.	<b><i>FlyBy Math™</i> Activities</b>  --Use tables, bar graphs, line graphs, a Cartesian coordinate system, and equations to model aircraft conflicts and predict outcomes.
---	---

**MEASUREMENT****Standard II. Apply appropriate techniques, tools, and formulas to determine measurements.**

Expectation B. Select and apply appropriate standard units and tools to measure length, area, volume, weight, time, temperature, and the size of angles.

1. Select and use appropriate tools and units to measure to the degree and accuracy required in a particular situation.	<b><i>FlyBy Math™</i> Activities</b>  --Calculate and measure the position and time of simulated aircraft. Represent that motion using tables, graphs, equations, and experimentation.
---	--

Expectation E. Solve problems involving scale factors, using ratio and proportion.

1. Use a scale to find distance.	<b><i>FlyBy Math™</i> Activities</b>  --Calculate and measure the position and time of simulated aircraft. Represent that motion using tables, graphs, equations, and experimentation.
----------------------------------	--